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25 May 1967

MEMORANDUM FOR: Special Assistant to DD/S&T

SUBJECT : Comments on Proposed "Technical Fields"
and Definitions for "Type of Work" in
Project Officers Handbook

1. This is in response to your 17 May 1967 requests for
comments on proposed "Technical Fields" and definitions for "Type
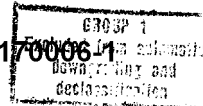of Work" in the Project Officers Handbook.

2. The proposed list for key no. 27 is a mixture of techniques,
end products, and academic disciplines. This mixture, plus the
varying level of specificity, makes it difficult to make recommenda-
tions on changes. Rather than suggest specific changes, I have listed
below activities of this Office which might be the subject of R&D con-
tracting and therefore must be accommodated somehow in the
categorization scheme.

Orbit/Trajectory Analysis
Air Defense Systems
Signal Analysis
Intelligence Gaming
Management Information
    System Design
*Specialized Data Proces-
    sing Equipment

Simulation and Modeling
Information Storage and Retrieval
Telemetry Analysis
ELINT Analysis
Automated Cartography
OSP-type System Design
**Systems Programming

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* Analog-to-digital converters, plotters, consoles, automated
    printing composition devices, speech recognizers, print
    readers, large memories, and automated microfilm devices.

** Including language compilers, utility programs, control pro-
    grams, time-sharing, multi-tasking, and multi-processing
    systems.

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3. Some additional comments:

a. Suggest that "data processing" and "computer science" be deleted; they are too broad in relation to others on the list.

b. The term "computational linguistics" is the fashionable term now in lieu of "machine translation."

4. With regard to the definitions for "Type of Work," key no. 26, neither the definitions in [   ] nor the DoD list is very suitable   25X1A
to describe ADP systems and programming work. However, this is not very important to us as a user of the CIS--either set of definitions would be satisfactory.

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Deputy Director of Computer Services

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